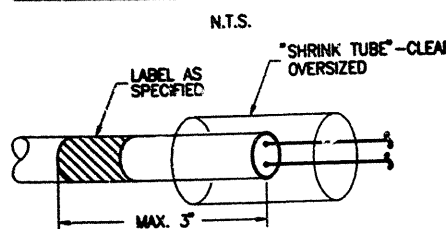


### TYPICAL CABLE LABELING METHOD

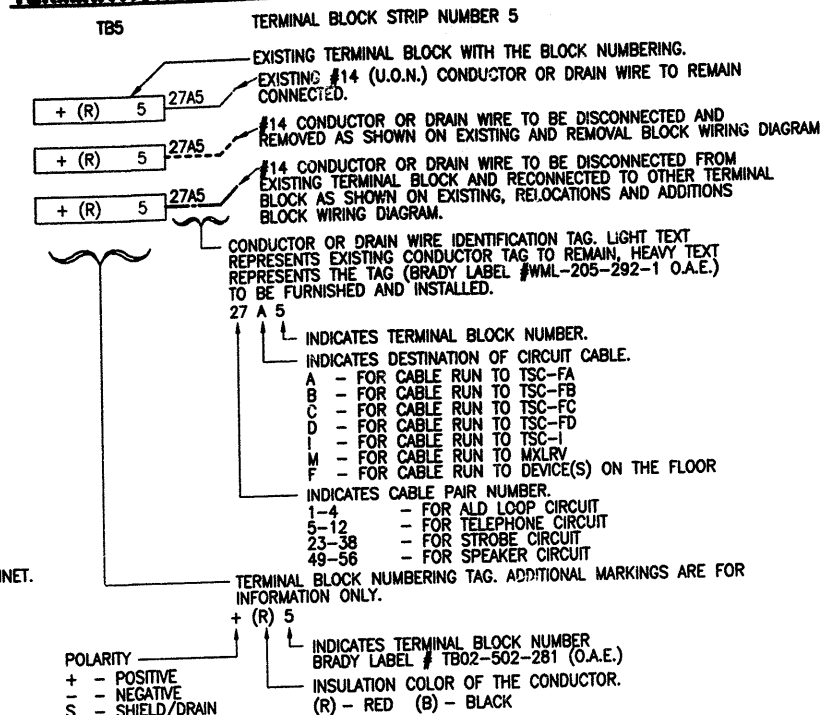


- APPLY LABEL TO OUTER JACKET OF CABLE MAXIMUM OF 3" FROM STRIPPED END AS SHOWN NOT TO BE COVERED BY OVERSIZED SHRINK.
- DETAIL APPLIES TO ALL CABLE TYPES

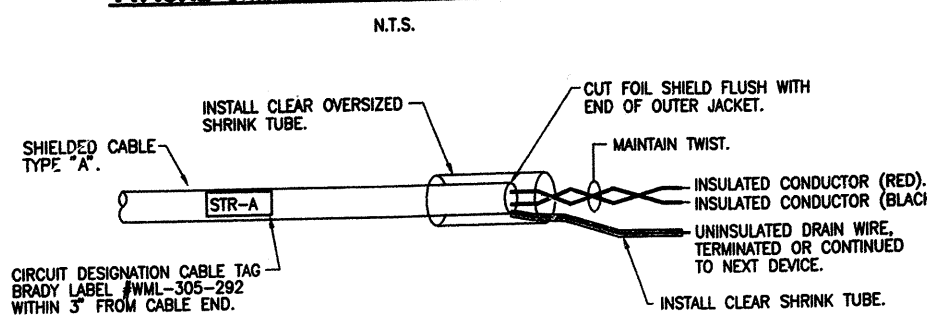
### CIRCUIT LEGEND:

TYPE OF CIRCUIT	CIRCUIT DESIGNATION	CIRCUIT NUMBER OR NAME
STR	STROBE CIRCUIT	A TO G - STROBE OR SPEAKER CIRCUIT NUMBER
SPK	SPEAKER CIRCUIT	PS - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET
ALD	ALD LOOP DEVICE CIRCUIT (EXCEPT SMOKE DETECTOR)	ELEV - CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR
TEL	TELEPHONE CIRCUIT	MACHINE ROOM SMOKE DETECTORS
SD	SMOKE DETECTOR CIRCUIT	HVAC - CIRCUIT TO HVAC SMOKE DETECTOR
MPJ	MAINTENANCE PHONE JACK CIRCUIT	AREA - CIRCUIT TO OPEN AREA SMOKE DETECTOR
WP	WARDEN TELEPHONE CIRCUIT	IC - INTERFACE CABINET CIRCUIT
SJ	STAND PIPE PHONE JACK CIRCUIT	TIB - TENANT INTERFACE BOX

### TERMINATION LEGEND (EXISTING AND REMOVAL)



### TYPICAL SHIELD/DRAIN INSULATING METHOD "A"



### NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
5. DISCONNECT AND COMPLETELY REMOVE CABLES FROM BOTH ENDS. ALL WORK SHALL BE DONE ON THE PRESENCE OF THE ENGINEER.
6. DISCONNECT AND REMOVE FROM TSC CABINET, LEAVE COILED IN CEILING. MARK AS "UNUSED". ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
7. DISCONNECT AND COMPLETELY REMOVE CABLES FROM TSC CABINET. RECONNECT TO PAD-FD-1 & PAD-FD-2

THE PORT AUTHORITY  
OF NEW YORK & NEW JERSEY

ENGINEERING PROGRAM MANAGER  
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. 101-61573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/00  
DATE 1/1/00  
CONTRACT ENGINEER/ARCH.  
ENGINEERING PROGRAM MGR.

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD  
TRADE  
CENTER

ELECTRICAL

Title  
FIRE ALARM SYSTEM  
DEVICE UPGRADE  
PHASE III  
5 WTC 3rd, 4th, 5th & 6th FLOORS

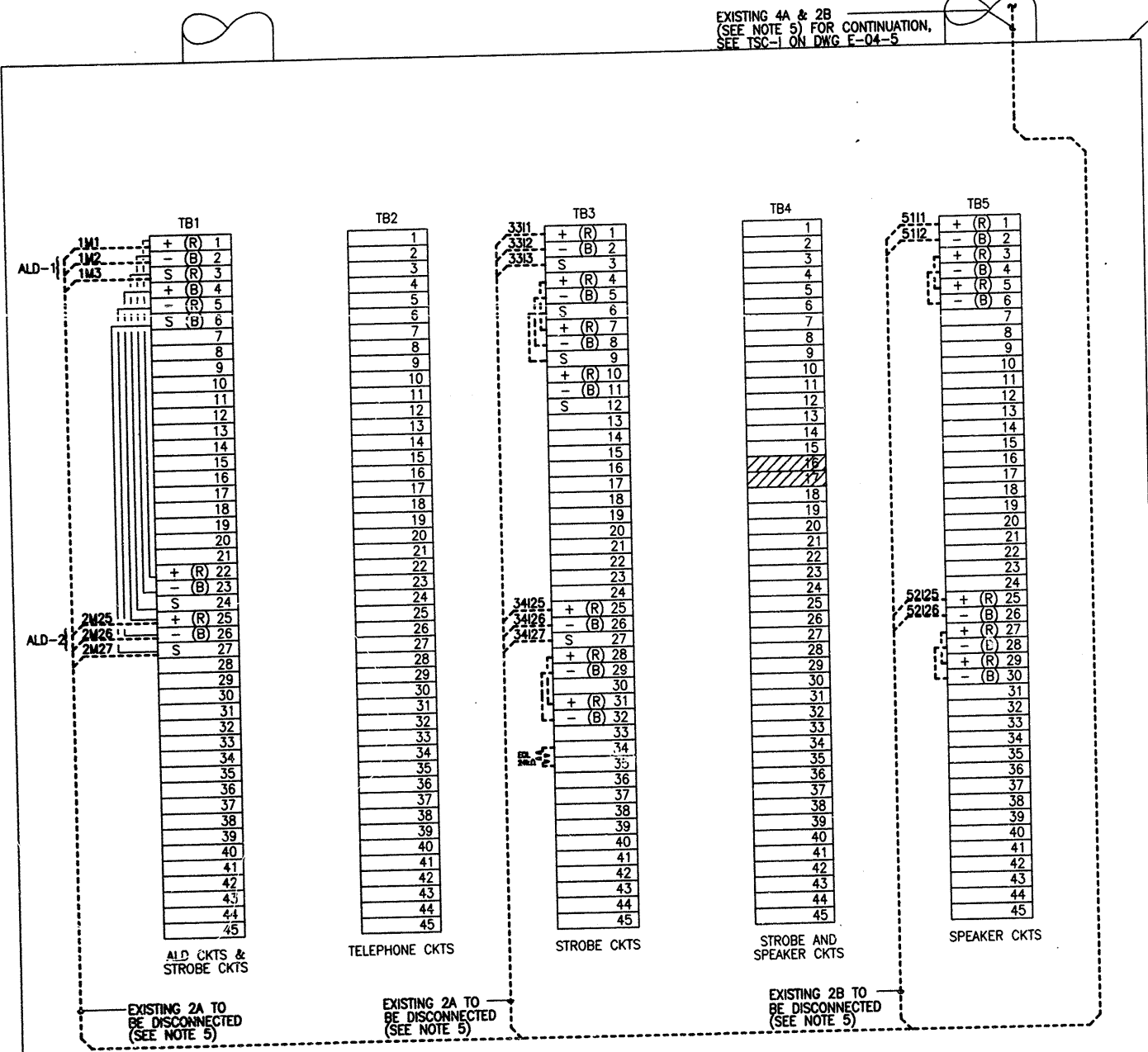
4th FLOOR TSC-FD  
BLOCK WIRING DIAGRAM  
EXISTING AND REMOVAL

This drawing is subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

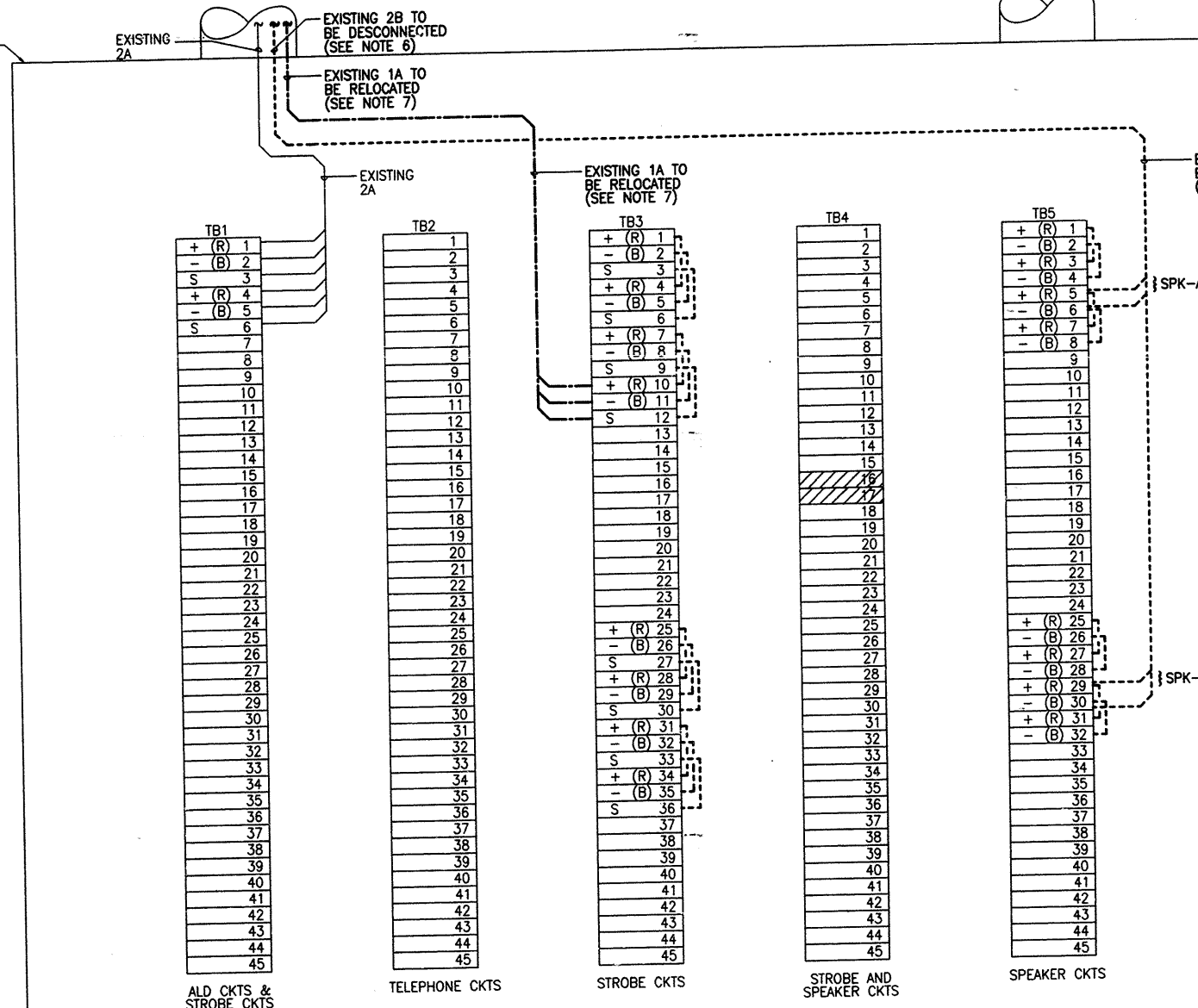
S. FELDSTEIN N. PALACIOS A.S.  
Designed by Drawn by Checked by

NOVEMBER 26, 1999  
Date

WTC-861.573 E-04-9  
Contract Number Drawing Number



### TSC-F-SYSTEM WIRING EXISTING AND REMOVAL



### TSC-F-FIELD WIRING EXISTING AND REMOVAL